

include all of the limitations of the base claim and any intervening claims, is acknowledged.

By the present amendment, the features of allowable claim 6 have been incorporated into independent parent claim 1, such that claim 1, as amended, represents claim 6 written in independent form, while amending claim 1 in a manner which should overcome the rejection under 35 U.S.C. §112, second paragraph. Accordingly, claim 1 should now be in condition for allowance.

Additionally, the features of claim 6 have been incorporated into independent claim 2 and since the Examiner has recognized the allowability of the features of claim 6, applicants submit that claim 2, as amended, to overcome the rejection under 35 U.S.C. §112, second paragraph, and incorporating the features of claim 6 therein, should also be in condition for allowance.

Further, by the present amendment, claim 6 has been canceled.

In view of the incorporation of the features of allowable claim 6 into independent claims 1 and 2, applicants submit that claims 1 and 2 and the dependent claims thereof should now be in condition for allowance.

With regard to the drawing objection, submitted herewith is a proposed drawing correction, wherein Fig. 6 has been labeled in a manner corresponding to that of Fig. 1 to show

labels Psys, Qsys, Pw and Qw. Applicants note that Fig. 7 shows such labels with regard to the unit 11b of Fig. 6. Upon approval of such drawing corrections, formal drawings incorporating the same will be submitted in accordance with the procedures provided therefor.

As to the rejection of claims 1-7 under 35 U.S.C. §112, second paragraph, this rejection is traversed insofar as it is applicable to the present claims, and reconsideration and withdrawal of the rejection are respectfully requested.

The Examiner notes that claims 1 and 2 recite "the detected composite current value (Iw)" in line 22 and 25, respectively, and there is insufficient antecedent basis for this limitation in the claim. By the present amendment, the term "value" has been deleted in the aforementioned limitation, noting that each of claims 1 and 2 recite the feature of "means for detecting a composite current (Iw)", such that by deleting the term "value" in the later recitation, applicants consider antecedent basis to be properly provided. It is noted that although not pointed out by the Examiner, the term "value" has also been deleted at other portions of claims 1 and 2. Thus, applicants submit that claims 1 and 2 have been amended, such that these claims should be considered to be in compliance with 35 U.S.C. §112, second paragraph. Similarly, with regard to claim 3, "the active electric power (Pw)" has been changed to "an active

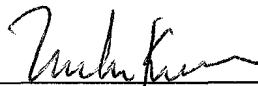
electric power (Pw)" and "the reactive electric power (Qw)" has been changed to "a reactive electric power (Qw)", such that the lack of antecedent basis has been overcome in such claim. As such, claim 3 should also be considered to be in compliance with 35 U.S.C. §112, second paragraph. Since claims 4-7 were not indicated as containing problems under 35 U.S.C. §112, second paragraph, no amendments have been made to such claims, and all claims should be considered to be in compliance with 35 U.S.C. §112, second paragraph. In this regard, it is noted that claim 6 has been canceled and the features thereof incorporated into independent claims 1 and 2, which claims should be considered to be in compliance with 35 U.S.C. §112, second paragraph.

As to the rejection of claims 1 and 2 under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 4,316,096 to Syverson and the rejection of claims 3-5 and 7 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 4,316,096 to Syverson in view of U.S. Patent No. 5,083,039 to Richardson et al, such rejections have been obviated by the incorporation of the features of indicated allowable claim 6 into independent claims 1 and 2. Accordingly, a discussion of the cited art in relation to the claims, as amended, is considered unnecessary in that the Examiner has recognized the patentability of the claimed invention incorporating the features of claim 6 therein.

In view of the above amendments and remarks, applicants submit that all claims present in this application should now be considered to be in compliance with 35 U.S.C. §112, second paragraph, and that all claims patentably distinguish over the cited art and should now be in condition for allowance. Accordingly, issuance of an action of a favorable nature is courteously solicited.

To the extent necessary, applicant's petition for an extension of time under 37 CFR 1.136. Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (503.38077X00) and please credit any excess fees to such deposit account.

Respectfully submitted,



Melvin Kraus
Registration No. 22,466
ANTONELLI, TERRY, STOUT & KRAUS, LLP

MK/cee
(703) 312-6600

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Please amend claims 1-3 as follows:

1. (amended) An electric power variation compensating device in a compound system for wind power generation and an electric power energy storage including a wind power generator and an electric power energy storage device and an electric power converting device provided in parallel therewith, characterized in that the electric power variation compensating device comprises means for detecting a composite current (I_w) of the wind power generator; means for detecting a voltage (V_s) of an electric power system to which the wind power generator and the electric power energy storage device and the electric power converting device are connected; and means for detecting a current (I_c) either inputted into or outputted from the electric power converting device; wherein an output electric power (P_w , Q_w) of the wind power generator is computed according to the detected voltage (V_s) of the electric power system and the detected composite current [value] (I_w) and an input or output electric power (P_c , Q_c) of the electric power converting device is computed according to the detected voltage (V_s) of the electric power system and the detected current [value] (I_c) of the electric power converting device, and the computed output electric power (P_w , Q_w) of the wind power generator and the computed input or output electric power (P_c , Q_c) of the electric power converting device are

used as an electric power feed-back in a control system for the electric power converting device, further characterized in that a superconducting magnetic energy storage device, a static var compensating device or an adjustable speed electric power generating system is used as the electric power energy storage device.

2. (amended) An electric power variation compensating device in a compound system for wind power generation and an electric power energy storage including a wind power generator and an electric power energy storage device and an electric power converting device provided in parallel therewith, characterized in that the electric power variation compensating device comprises means for detecting a composite current (I_w) of the wind power generator; means for detecting a voltage (V_s) of an electric power system to which the wind power generator and the electric power energy storage device and the electric power converting device are connected; and means for detecting a current in the electric power system; wherein an output electric power (P_w , Q_w) of the wind power generator is computed according to the detected voltage (V_s) of the electric power system and the detected composite current [value] (I_w) and an input or output electric power (P_c , Q_c) of the electric power converting device is computed according to the detected voltage (V_s) of the electric power system and the detected current [value] of the electric power system and the detected current [value] of the electric power system, and the computed output electric power (P_w , Q_w) of the

wind power generator and the computed input or output electric power (P_c , Q_c) of the electric power converting device are used as an electric power feed-back in a control system for the electric power converting device, further characterized in that a superconducting magnetic energy storage device, a static var compensating device or an adjustable speed electric power generating system is used as the electric power energy storage device.

3. (amended) An electric power variation compensating device according to claim 1 or claim 2, characterized in that an amount of the electric power used for the electric power feed-back in the control system is a value (P_f , Q_f) in which [the] an active electric power (P_w) or [the] a reactive electric power (Q_w) in the output electric power of the wind power generator each of which low frequency components (P_{wL}) are excluded through a low frequency pass filter is added to either the active electric power (P_c) or the reactive electric power (Q_c) in the input or output electric power of the electric power converting device.

Please cancel claim 6 without prejudice or disclaimer of the subject matter thereof.